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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/540,573

06/24/2005

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016778-0498

6434

22428 7590 07/17/2009  
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EXAMINER

HUANG, WEN WU

ART UNIT

PAPER NUMBER

2618

MAIL DATE

DELIVERY MODE

07/17/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**ADVISORY ACTION*****Response to Arguments***

Applicant's arguments filed 6/30/09 have been fully considered but they are not persuasive.

Regarding claim 18, Applicant argues that Bickert is not directly connected to a side of the antenna 10 and to no other side of the antenna 10. However, the Examiner respectfully disagrees.

More specifically, the Examiner submits that "connected" has the following dictionary meanings:

1. united, joined, or linked.
2. having a connection.
3. joined together in sequence; linked coherently: connected ideas.

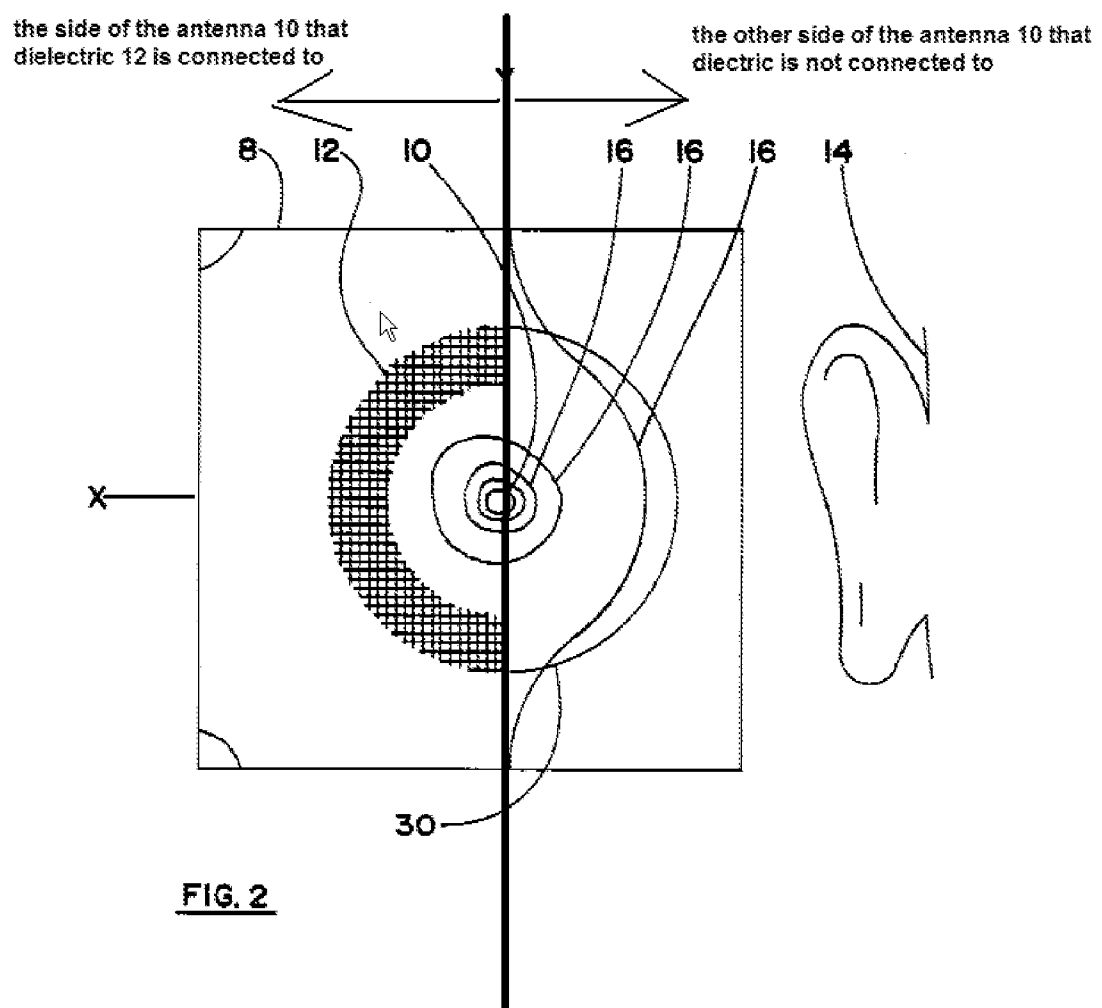
Furthermore, the Bickert's dielectric member 12 and one side of the antenna 10 are directly united, joined or linked by antenna casing 30 (see Bickert's fig. 3) and square border 8 (see Bickert's fig. 2). Moreover, the Examiner submits that Bickert explicitly teaches (see Bickert's, col. 11, line 54 – col. 12, line 4):

The square border 8 in FIG. 2 represents an outline of a square region of the two-dimensional x-y plane in the representative section 2--2 in FIG. 3. The dot 10 in the centre of square 8 represents the antenna 10, which extends parallel to the z-axis (see FIG. 3). For the approximation represented by FIG. 2, the antenna 10 was mathematically represented as being infinitely long. The C-shaped region represents a radiation redistributing object 12 with a dielectric constant of 12 which extends along the z-axis with the same cross section at all points along the z-axis. Object 12 redistributes the pattern of near field radiation about antenna 10 so that one side of the antenna 10, namely, the side closest the user and opposite object 12, has a lower intensity of radiation. The head of user 14 is approximately located in the position illustrated in

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FIG. 2 since the radiation intensity is lower there as indicated by the contour lines 16 of constant radiation intensity. The shape of object 12 is merely representative.

The Examiner submits that Bickert's dielectric member 12 directly linked and joined with the side of the antenna 10 which is farther away from the user's head 14 redistributes the radiation pattern of the antenna 10.



Therefore, the Examiner submits that Bickert teaches said dielectric member is directly connected to a side of said antenna and to no other side of

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said antenna, said side of said antenna being positioned farther away from a body of a user than all other sides of said antenna when the user is operating said portable telephone.

Regarding claims 19 and 21, the Examiner submits that the amendment reciting that no other element except the casing is connected to the dielectric member raises new issues that require further search and consideration.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WEN W. HUANG whose telephone number is (571)272-7852. The examiner can normally be reached on 10am - 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew D. Anderson can be reached on (571) 272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/W. W. H./  
Examiner, Art Unit 2618

/Matthew D. Anderson/  
Supervisory Patent Examiner, Art Unit 2618